

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002352

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B6/03 A61B6/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61B G21K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 304 626 B1 (ADACHI AKIRA ET AL) 16 October 2001 (2001-10-16)	14-17,20
Y	column 3, line 55 - column 8, line 37	1-3,6, 10-13,18
Y	US 5 487 098 A (DOBBS JOHN ET AL) 23 January 1996 (1996-01-23) column 5, line 21 - column 8, line 25; figures 1,2,4	1-3,6, 10-13,18
P,X	WO 2004/027785 A (KONINKL PHILIPS ELECTRONICS NV ; PHILIPS CORP (US)) 1 April 2004 (2004-04-01) the whole document	1,6,10, 12,14,15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

Date of the actual completion of the International search

13 October 2004

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22/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/002699 A1 (MORALES SERRANO FRANCISCO ET AL) 7 June 2001 (2001-06-07) paragraph '0005! - paragraph '0034!; figures 2-4	1,14,15, 21
A	US 5 991 357 A (TUVAL BEN ET AL) 23 November 1999 (1999-11-23) column 4, line 60 - column 8, line 7; figures 1-3,5	1,14,15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/002352

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6304626	B1	16-10-2001	JP 2000193750 A	14-07-2000
US 5487098	A	23-01-1996	AU 1609795 A	21-08-1995
			BR 9506680 A	09-09-1997
			CN 1139872 A	08-01-1997
			DE 19581491 C2	11-11-1999
			DE 19581491 T0	19-06-1997
			JP 3132663 B2	05-02-2001
			JP 9508305 T	26-08-1997
			NL 194819 C	03-04-2003
			NL 9520008 T	02-12-1996
			WO 9520910 A1	10-08-1995
WO 2004027785	A	01-04-2004	US 2004057556 A1	25-03-2004
			WO 2004027785 A1	01-04-2004
US 2001002699	A1	07-06-2001	DE 19957429 A1	31-05-2001
			DE 10026160 A1	29-11-2001
			EP 1107260 A2	13-06-2001
			EP 1107022 A2	13-06-2001
			JP 2001194463 A	19-07-2001
			JP 2001208855 A	03-08-2001
			US 2001011701 A1	09-08-2001
US 5991357	A	23-11-1999	AU 1718599 A	05-07-1999
			CN 1282228 T	31-01-2001
			EP 1039832 A1	04-10-2000
			JP 2002508202 T	19-03-2002
			WO 9930615 A1	24-06-1999